

P23554.P01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	P23554	Total Pages	
Inventor(s) or Application Identifier			
Tsuneo HIRAIKE and Yukio KUBOTA			
Title: CALCIUM PHOSPHATE-SYNTHETIC RESIN COMPOSITE BODY CONTAINING CALCIUM PHOSPHATE BLOCK AND METHOD FOR PRODUCING THEREOF			

16015 US PRO 10/6/15 0123
07/09/03

ADDRESS TO:

Commissioner for Patents
Mail Stop Patent Application
PO Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		a. <input type="checkbox"/> Computer Readable Form (CRF)	
a. <input type="checkbox"/> Small Entity Statement(s)		b. Specification Sequence Listing on:	
3. <input checked="" type="checkbox"/> Specification [Total Pages 26] (preferred arrangement set forth below)		i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	
- Descriptive title of the Invention		ii. <input type="checkbox"/> paper	
- Cross References to Related Applications		c. <input type="checkbox"/> Statements verifying identity of above copies	
- Statement Regarding Fed sponsored R & D		10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
- Reference to sequence listing, a table, or a computer program listing appendix		11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)	
- Background of the Invention		12. <input type="checkbox"/> English Translation Document (if applicable)	
- Brief Summary of the Invention		13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
- Brief Description of the Drawings (if filed)		14. <input type="checkbox"/> Preliminary Amendment	
- Detailed Description		15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
- Claim(s)		16. <input checked="" type="checkbox"/> Figure of Drawing to be published 1b	
- Abstract of the Disclosure		17. <input checked="" type="checkbox"/> Foreign priority claimed	
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 8]		a. <input checked="" type="checkbox"/> Claim of Priority	
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3]		b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)	
a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted		18. <input checked="" type="checkbox"/> Assignee: PENTAX Corporation, of Tokyo, JAPAN	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below]		19. <input checked="" type="checkbox"/> Other: Cover Letter under 37 C.F.R. 1.53(b) and 1.53(f)	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		<hr/> <hr/> <hr/> <hr/>	
6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.			
7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			
8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)			
20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. / _____, filed _____. Prior application information: Examiner: _____ Group Art Unit: _____			
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a _____ continuation-in-part, _____ continuation, _____ divisional, of Application No. _____ / _____, filed _____.			

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

7/9/03
Date



07055

PATENT TRADEMARK OFFICE

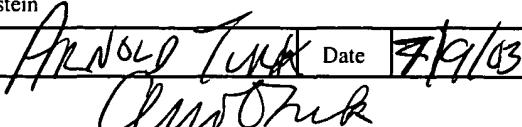
Signature
Bruce H. Bernstein, Reg. No. 29,027
Typed or Printed Name

FEE TRANSMITTAL

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U.S. PATENT & TRADEMARK OFFICE
FEE TRANSMITTAL

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<p><input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p>		<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR Prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for response within 1st month</td> <td></td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for response within 2nd month</td> <td></td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for response within 3rd month</td> <td></td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Extension for response within 4th month</td> <td></td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Extension for response within 5th month</td> <td></td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive unavoidably abandoned application</td> <td></td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to revive unintentionally abandoned application</td> <td></td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of IDS</td> <td></td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection</td> <td></td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>(37 CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b)).</td> <td></td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="6" style="text-align: right; padding: 5px;">Other fee (specify) _____</td> </tr> <tr> <td colspan="6" style="text-align: right; padding: 5px;">Other fee (specify) _____</td> </tr> <tr> <td colspan="6" style="text-align: right; padding: 5px;">SUBTOTAL (3) (\$ 0.00)</td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for reexamination		1804	920*	1804	920*	Requesting publication of SIR Prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for response within 1st month		1252	410	2252	205	Extension for response within 2nd month		1253	930	2253	465	Extension for response within 3rd month		1254	1,450	2254	725	Extension for response within 4th month		1255	1,970	2255	985	Extension for response within 5th month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive unavoidably abandoned application		1453	1,300	2453	650	Petition to revive unintentionally abandoned application		1501	1,300	2501	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Petitions related to provisional applications		1806	180	1806	180	Submission of IDS		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection		1810	750	2810	375	(37 CFR 1.129(a)) For each additional invention to be examined (37 CFR 1.129(b)).		1801	750	2801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (3) (\$ 0.00)					
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SUBMITTED BY			Complete (if applicable)	
Typed or Printed Name		Bruce H. Bernstein		Reg. Number
Signature				Date <u>7/9/03</u>
				Deposit Account User ID

P23554

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : T. HIRADE et al.

Serial No :Not Yet Assigned

Filed :Concurrently Herewith

For : CALCIUM PHOSPHATE-SYNTHETIC RESIN COMPOSITE BODY CONTAINING
CALCIUM PHOSPHATE BLOCK AND METHOD FOR PRODUCING THEREOF

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

The above-identified application includes:

- 26 pages of specification with abstract.
- 8 sheets of drawings with 13 figures.
- 24 total claims and 2 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
T. HIRAIDE et al.


Bruce H. Bernstein
Reg. No. 29,027


Reg. No. 33,094

July 9, 2003
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